

FORM PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

GTI-1464

SERIAL NO.

09/960,698

**LIST OF PRIOR ART CITED BY APPLICANT**  
(Use several sheets if necessary)

APPLICANT(S)

John J. KILBANE, II

**RECEIVED**

FILING DATE

21 September 2001

GROUP

**FEB 14 2002**  
**TECH CENTER 1600/2900**  
**1631**
**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AM	AA	6,312,930 B1	11/2001	Tice, Jr. et al.			
	AB	6,287,769 B1	09/2001	Inoue			
	AC	6,280,946 B2	08/2001	Hyldig-Nielsen et al.			
	AD	6,107,031	08/2000	Gruber			
	AE	5,994,066	11/1999	Bergeron et al.			
	AF	5,989,821	11/1999	Goh et al.			
	AG	5,846,783	12/1998	Wu et al.			
	AH	5,753,467	05/1998	Jensen et al.			
	AI	5,705,332	01/1998	Roll			
	AJ	5,627,275	05/1997	Roll			
	AK	5,523,217	06/1996	Lupski et al.			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

	AR							
	AS							
	AT							

EXAMINER

*John Marschel*

DATE CONSIDERED

*1-20-04*

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

p1005.1/20

FORM PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

GTI-1464

SERIAL NO.

09/960,698

## LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT(S)

John J. KILBANE, II

RECEIVED

FILING DATE

21 September 2001

GROUP

FEB 14 2002

1641  
1631

TECH CENTER 1600/2800

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AM	AA	5,401,631	03/1995	Lane et al.			
	AB	4,965,188	10/1990	Mullis et al.			
	AC	4,800,159	01/1989	Mullis et al.			
	AD	4,683,202	07/1987	Mullis			
	AE	4,683,195	07/1987	Mullis et al.			
	AF	<del>0,006,811 A1</del>	<del>01/2002</del>	<del>Portugal et al.</del>			
	AG	<del>0,010,910 A1</del>	<del>08/2001</del>	<del>Hydlig-Nielsen et al.</del>			
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		
	AS		
	AT		

EXAMINER

Andin Manscher

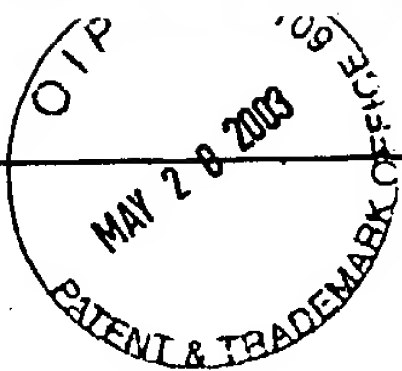
DATE CONSIDERED

1-20-04

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

p1005.1/20

FORM PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
GTI-1464SERIAL NO.  
09/960,698**LIST OF PRIOR ART CITED BY APPLICANT**  
(Use several sheets if necessary)APPLICANT(S)  
John J. KILBANE, IIFILING DATE  
21 September 2001

GROUP

1641 1631

**RECEIVED**  
 MAY 23 2003  
 TECH CENTER 1600/2900
**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

<div style="font-size: 2em; text-align: center;">           AM ↓ ↓ ↓         </div>	AR	Amann, R.L. et al., "Phylogenetic Identification and In Situ Detection of Individual Microbial Cells Without Cultivation", Microbiological Reviews, American Society for Microbiology, Vol. 59, No. 1, March 1995, pp. 143-169.
	AS	Spring, Stefan et al., "Phylogenetic Analysis of Uncultured Magnetotactic Bacteria from the Alpha-Subclass of Proteobacteria", Systematic and Applied Microbiology, Vol. 17, No. 4, 1994, pp. 501-508.
	AT	Wallner, G. et al., "Optimizing Fluorescent In Situ Hybridization with rRNA-Targeted Oligonucleotide Probes for Flow Cytometric Identification of Microorganisms", Cytometry, Alan Liss, New York, Vol. 14, No. 2, 1993, pp. 136-143

EXAMINER

Arden Maracher

DATE CONSIDERED

1-20-04

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

FORM PTO-1449  
(MODIFIED)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

GTI-1464

SERIAL NO.

09/960,698

**LIST OF PRIOR ART CITED BY APPLICANT**  
(Use several sheets if necessary)

APPLICANT(S)

John J. KILBANE, II

FILING DATE

21 September 2001

GROUP

~~1847~~

1631

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

AM	AR	Amann, R.I., et al., "Fluorescent-Oligonucleotide Probing of Whole Cells for Determinative, Phylogenetic, and Environmental Studies in Microbiology", Journal of Bacteriology, Vol. 172, No. 2, February 1990, pp. 762-770.
	AS	
	AT	

EXAMINER

*Adin Marsch*

DATE CONSIDERED

1-20-04

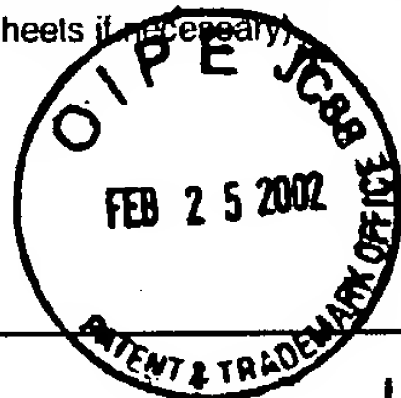
\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

FORM PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
GTI-1464SERIAL NO.  
09/960,698

## LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT(S)  
John J. KILBANE, IIFILING DATE  
21 September 2001GROUP  
~~1641~~ 1631

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

RECEIVED

MAR 06 2002

TECH CENTER 1600/2900

TECH CENTER 1600/2900

APR 11 2002

RECEIVED

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AM	AR		Wallner, G. et al., "Flow Sorting of Microorganisms for Molecular Analysis," Applied and Environmental Microbiology,
			Vol. 63, No. 11, November, 1997, pp 4223-4231
	AS		
	AT		

EXAMINER

Adin Marscher

DATE CONSIDERED

1-20-04

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

p1005.2/20

FORM PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

GTI-1464

SERIAL NO.

09/960,698

LIST OF PRIOR ART CITED BY APPLICANT  
(Use several sheets if necessary)

APPLICANT(S)

John J. KILBANE, II

FILING DATE

21 September 2001

GROUP

1641

1631

RECEIVED  
JUN 26 2003  
TECH CENTER 1600/2900

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AM	AR		Wallner, G. et al., "Flow Cytometric Analysis of Activated Sludge with rRNA-Targeted Probes," Applied and Environmental Microbiology, Vol. 61, No. 5, May 1995, pp. 1859-1866
	AS		
	AT		

EXAMINER

Adrian Marsden

DATE CONSIDERED

1-20-04

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985